

49687 to 49708—Continued.

49702. *Pennisetum glaucum* (L.) R. Br. Poaceæ. Pearl millet.
(*P. typhoides* Rich.)

"(No. 427. Bukama, January 15, 1920.) This plant, apparently a ruderal, grows almost everywhere and in almost the same locations as corn. Seed is exported at times to Rhodesia."

For previous introduction, see S. P. I. No. 48095.

49703. *Ricinus communis* L. Euphorbiaceæ. Castor-bean.

"(No. 419. Bukama, January 16, 1920.) Castor-oil bean."

For previous introduction, see S. P. I. No. 47913.

49704. *Vigna* sp. Fabaceæ.

"(No. 429. Bukama, January 16, 1920. Herb. No. 578.) A large vine very abundant here, with some variation in leaf. The following numbers may not be distinct, but have been kept separate and are each from the type shown in herbarium specimens."

49705. *Vigna* sp. Fabaceæ.

"(Nos. 430 and 431. Bukama, January 16, 1920. Herb. No. 581.) Similar to the foregoing [S. P. I. No. 49704]."

49706. *Vigna* sp. Fabaceæ.

"(No. 428. Bukama, January 16, 1920. Herb. No. 578.) Similar to the foregoing [S. P. I. Nos. 49704 and 49705]."

49707. *Zea mays* L. Poaceæ.

Corn.

"(No. 415. Kalule Sud. January 10, 1920.) Corn grown by the natives at this place; apparently the small variety seen growing in the small fields here. Corn is now growing in the fields here, nearly ripe and in all stages to that just emerging from the soil. That is always true of native culture whenever moisture conditions are such as to permit it."

49708. (Undetermined.)

"(No. 435. Bukama, January 16, 1920.) A small legume, about a foot high, with opposite long-lanceolate leaves and two beans in a pod."

49709 and 49710.

From Para, Brazil. Seeds presented by Paul Le Cointe, Goeldi Museum. Received March 31, 1920.

49709. *Mimusops huberi* Ducke. Sapotaceæ.

"*Massaranduba* with large yellow fruits; from the vicinity of Para." (Le Cointe.)

A large tree found in the primeval forests of Para, Brazil; it has very thick, rough bark and obovate leaves about 6 inches long. The 1 or 2 seeded roundish fruits are pale yellow with occasional reddish violet markings. They are edible and are sold in the markets of Para. The timber is used for general construction work and for railroad ties. (Adapted from *Archivos do Jardim Botânico do Rio de Janeiro*, vol. 2, p. 14.)

49710. *Theobroma grandiflora* (Willd.) Schum. Sterculiaceæ.

"*Cupú-assú* from the vicinity of Para." (Le Cointe.)

The cupú-assú is one of the most important fruit trees of the State of Para, where it commonly grows in slightly shaded places in the lower Amazon basin. The elliptical fruits, which are borne on the trunk and